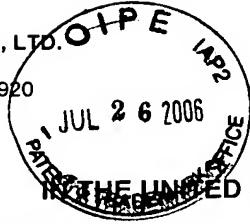


AVAGO TECHNOLOGIES, LTD.  
P.O. Box 1920  
Denver, Colorado 80201-1920



07-27-06  
ATTORNEY DOCKET NO. 10030185-1  
HAW

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Dale W. Schroeder, et al.

Serial No.: 10/687,431

Examiner: X. M. Wu

Filing Date: October 16, 2003

Group Art Unit: 2629

Title: TRACKING MOTION USING AN INTERFERENCE PATTERN

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

<input checked="" type="checkbox"/> Response/Amendment	<input type="checkbox"/> Petition to extend time to respond
<input type="checkbox"/> New fee as calculated below	<input type="checkbox"/> Supplemental Declaration
<input checked="" type="checkbox"/> No additional fee (Address envelope to "Mail Stop Amendments")	
<input checked="" type="checkbox"/> Other: Return Postcards	(Fee \$ _____)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	20	MINUS	20	= 0	X 50	\$ 0
INDEP. CLAIMS	3	MINUS	3	= 0	X 200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ 300	\$ 0
EXTENSION FEE	1 <sup>ST</sup> MONTH 120.00 <input type="checkbox"/>	2 <sup>ND</sup> MONTH 450.00 <input type="checkbox"/>	3 <sup>RD</sup> MONTH 1020.00 <input type="checkbox"/>	4 <sup>TH</sup> MONTH 1590.00 <input type="checkbox"/>		\$ 0
					OTHER FEES	\$ 0
					TOTAL ADDITIONAL FEE FOR THIS AMENDMENT	\$ 0

Charge \$ 0 to Deposit Account 50-3718. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-3718 pursuant to 37 CFR 1.2 5. Additionally please charge any fees to Deposit Account 50-3718 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

"Express Mail" label no. EV568257958US

Date of Deposit: July 26, 2005

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

Typed Name: Susan Bloomfield

Signature: Susan Bloomfield

Respectfully submitted,

Dale W. Schroeder, et al.

By

James A. Glenn, Jr.  
James A. Glenn, Jr.  
Attorney/Agent for Applicant(s)

Reg. No. 55,898

Date: July 26, 2005

Telephone No. (214) 855-8278



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P.O. Box 1920  
Denver, Colorado 80201-1920

Docket No.: 10030185-1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Patent Application of:  
Dale W. Schroeder et al.**

Application No.: 10/687,431

Confirmation No.: 8035

Filed: October 16, 2003

Art Unit: 2629

## For: TRACKING MOTION USING AN INTERFERENCE PATTERN

Examiner: X. M. Wu

## RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

## INTRODUCTORY COMMENTS

In response to the Office Action dated April 26, 2006, the Applicant respectfully asks the Examiner to reconsider and withdraw the rejections of record in light of the following:

**No Amendments are made to the Claims**, but a complete listing of the claims is provided for the Examiner's convenience starting on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.